

PROCESS MONITOR FOR MONITORING AN INTEGRATED  
CIRCUIT CHIP

ABSTRACT OF THE DISCLOSURE

A system or apparatus for monitoring an Integrated Circuit (IC) chip includes: a sense circuit at least partially constructed on the IC chip and configured to produce one or more sense signals each indicative of a corresponding process-dependent circuit parameter of the IC chip; and a digitizer module configured to produce, responsive to the one or more sense signals, one or more digitized signals each representative of a corresponding one of the sense signals. A controller is configured to determine a value of one or more of the process-dependent circuit parameters based on one or more of the digitized signals.